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10/561,673	12/21/2005	Takashi Ito	9369-113US(T37-196842C)	8252

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EXAMINER

AHMED, SHEEBA

ART UNIT PAPER NUMBER

1773

MAIL DATE DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



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## DETAILED ACTION

### *Response to Amendments*

1. Amendments to claims 1 and 12 have been entered in the above-identified application. Claims 4, 5, 8, and 13 are cancelled. New claims 17-21 have been added. Claims 1-3, 6, 7, 9-12, and 14-21 are now pending.

### *Claim Rejections - 35 USC § 112*

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 17-21 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Newly added independent claim 17 recites that the "island components in each of the cured resin layers having the sea-island microstructure do not exist in an upper portion of each of the cured resin layers, the upper portion being located in an actinic radiation-irradiated surface of each of the cured resin layers, and the island components exist in a portion from a bottom part of each of the cured resin layers to an upward part along the thickness of each of the cured resin layers". The Examiner was unable to locate any support for such a limitation in the original

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disclosure and the Applicants have failed to point to any specific support for such an amendment. Hence, the above-mentioned limitation is considered new matter and must be deleted in response to this Office Action.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 17-21 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Newly added independent claim 17 recites that the "island components in each of the cured resin layers having the sea-island microstructure do no exist in an upper portion of the each of the cured resin layer, the upper portion being located in an actinic radiation-irradiated surface of the each to the cured resin layers, and the island components exist in a portion from a bottom part of the each of the cured resin layers to an upward part along the thickness of the each of the cured resin layers". It is unclear what is meant by the above-recited limitation. Are the island components present only in the bottom portion of each cured resin layer? Furthermore, the above-recited limitation does not recite grammatically correct English and must be amended to correct all grammatical errors.

***Allowable Subject Matter***

4. Claims 1-16 are allowed.

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***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheeba Ahmed whose telephone number is (571)272-1504. The examiner can normally be reached on Monday-Friday from 6am to 2pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carol Chaney can be reached on (571)272-1284. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Sheeba Ahmed  
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May 26, 2007